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May 2, 2005

South Coast Air Quality Management District  
Engineering & Compliance Division  
Toxics & Waste Management Unit  
Rule 1166 Compliance  
21865 East Copley Drive  
Diamond Bar, California 91765-4182

Sent via UPS

Subject: Soil Monitoring Records  
Mitigation Plan No. 435655  
SCAQMD Reference No. 102415  
ARCO Facility No. 6131  
3201 Harbor Blvd.  
Costa Mesa, California

Dear Reviewer:

This letter summarizes the air monitoring conducted during excavation activities at Atlantic Richfield Company (ARCO) Facility No. 6131 (the site), located at 3201 Harbor Boulevard in the City of Costa Mesa, California. Delta conducted air monitoring in accordance with Belshire Environmental Services, Inc. (Belshire) South Coast Air Quality Management District (SCAQMD) Rule 1166 Contaminated Soil Mitigation Plan (#435655). The excavation activities occurred on April 27 and 28, 2005, during dispenser upgrade activities. Belshire contacted the SCAQMD before initiation of excavation activities and reference number 102415 was issued.

On April 27 and 28, 2005, air monitoring activities were conducted during the breaking and removal of concrete, and excavation of pea gravel. Delta conducted air monitoring every 15 minutes during excavation activities according to SCAQMD Rule 1166. Approximately 1.0 cubic yards of concrete were removed from the site. A total of approximately 3.5 cubic yards of pea gravel were excavated, stockpiled on-site, and subsequently backfilled. A maximum volatile organic compound (VOC) concentration of 16.1 parts per million by volume was detected during excavation activities. VOC concentrations were measured using a portable photo-ionization detector calibrated to hexane. Soil monitoring records are presented in Attachment A.

The current site status is as follows:

VOC-Contaminated Soil Treatment Method:	N/A
Quantity of VOC-Contaminated Pea Gravel Removed:	0 cubic yards
Quantity of VOC-Contaminated Pea Gravel Backfilled:	0 cubic yards
Amount of VOC-Contaminated Soil Remaining Stockpiled On-Site:	N/A
Status of Excavation Pit:	Backfilled

A member of:



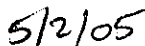
If you have any questions concerning the enclosed records, please contact Aaron Baird at (949) 360-5795.

Sincerely,

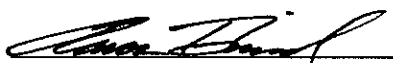
**DELTA ENVIRONMENTAL CONSULTANTS, INC.**



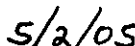
Sean Peacher  
Staff Geologist



Date



Aaron Baird  
Project Manager



Date

Attachments: Attachment A Soil Monitoring Records

cc: Mr. Darrell Fah, Atlantic Richfield Company, La Palma, California  
Mr. Jim Brown, Belshire, Lake Forest, California

**ATTACHMENT A**  
**Soil Monitoring Records**

# SCAQMD RULE 1166 SOIL MONITORING RECORDS

Company Information		Facility / Site Information	
Name: Belshire Environmental Services, Inc.	Name: ARCO 6131		
Address: 25971 Towne Centre Drive	Address: 3201 Harbor Blvd.		
City, State, Zip: Lake Forest, CA 92610	City, State, Zip: Costa Mesa, CA		
I.D. No.: 142244			
Mitigation Plan No.: 435655			
Reference No(s): 102415			

OVA Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)					
Brand: Mini Rae	Gas: Hexane	Name: Sean Peaches	Soil			Pea Gravel	Concrete/ Asphalt	
Model: plus classic	Date: 4/27/05	Company: Delta Environmental Consultants, Inc.	VOC Conc. (ppmv)	0-50	50-1000			> 1000
Type: PID	By: Sean P.	Phone: (949) 363-3306	Total Cubic Yds (This page)	φ	φ	φ	2.0	.5
			Total Cubic Yds (To date)	φ	φ	φ	2.0	.5
			Removed from Site (To date)	φ	φ	φ	2.0	.5

Time (every 15 min.)	VOC Concentration (ppmv) @ Excavated Load			Comments	Time (every 15 min.)	VOC Concentration (ppmv) @ Excavated Load			Comments
	Reading	Hexane Factor	Adjusted Reading			Reading	Hexane Factor	Adjusted Reading	
8:30	1.5			cutting concrete					
8:45	φ			"					
9:00	2.7			"					
9:15	φ			"					
9:30	2.8			"					
9:45	2.2			breaking concrete					
10:00	16.1			excavating concrete					
10:15	3.3			"					
10:30	1.6			breaking concrete					
10:45	1.2			excavating pea gravel					
11:00	1.7			breaking concrete					
11:15	31.2			excavating concrete					
11:30	φ			excavating pea gravel					
11:45	1.4			excavating pea gravel					
End of excavation work									

I certify that the information contained in the above document is true and correct. I further certify that the above listed organic vapor analyzer was operated in a manner consistent with the manufacturer's specifications and the conditions specified with

SIGNATURE: Sean Peaches

DATE: 4/27/05

# SCAQMD RULE 1166 SOIL MONITORING RECORDS

Company Information	Facility / Site Information
Name: Belshire Environmental Services, Inc. Address: 25971 Towne Centre Drive City, State, Zip: Lake Forest, CA 92610 I.D. No.: 142244 Mitigation Plan No.: 435655	Name: ARCO 6131 Address: 3201 Harbor Blvd. City, State, Zip: Costa Mesa, CA
Reference No(s): 102415	

OVA Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)					
Brand: <i>Perkin Elmer</i>  Model: <i>Photovac</i>  Type: <i>PID</i>	Gas: Hexane	Name: <i>Sean Peacher</i>	Soil			Pea Gravel	Concrete/ Asphalt	
	Date: <i>4/28/05</i>	Company: Delta Environmental Consultants, Inc.	VOC Conc. (ppmv)	0-50	50-1000			> 1000
	By: <i>Sean P.</i>	Phone: <i>(949) 363-3306</i>	Total Cubic Yds (This page)	<i>0</i>	<i>0</i>	<i>0</i>	<i>1.5</i>	<i>.5</i>
			Total Cubic Yds (To date)	<i>0</i>	<i>0</i>	<i>0</i>	<i>3.5</i>	<i>1.0</i>
			Removed from Site (To date)	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>1.0</i>

Time (every 15 min.)	VOC Concentration (ppmv) @ Excavated Load			Comments	Time (every 15 min.)	VOC Concentration (ppmv) @ Excavated Load			Comments
	Reading	Hexane Factor	Adjusted Reading			Reading	Hexane Factor	Adjusted Reading	
7:25	0			cutting concrete					
7:40	0			"					
7:55	0			"					
8:10	0			"					
Break in excavation									
8:40	0			breaking concrete					
8:55	0			breaking concrete					
9:10	0			excavating concrete					
9:25	0			breaking concrete					
9:40	0			excavating concrete					
9:55	0			excavating pea gravel					
10:10	0			"					
10:25	0			"					
10:40	0			"					
End of excavation work today									

I certify that the information contained in the above document is true and correct. I further certify that the above listed organic vapor analyzer was operated in a manner consistent with the manufacturer's specifications and the conditions specified with

SIGNATURE:

*Sean Peacher*

DATE:

*4/28/05*